



ARRL Member
Club Since 1974



The Groundplane

Volume 12 Issue 1

January 2011

Elections this month!

It's hard to believe that it has been a year since I was elected as president. But here we are, ready to elect another slate of officers. I particularly want to thank the officers that have graced this club with their hard work and efforts. Through them we have managed to create and improve a variety of club programs and member benefits. These include the quartermaster lending system, the Tri-Cities VE Group, and a host of keynote speakers just to mention a few.

Now it's time to bring in a new crew, new blood to lead the club to other achievements. To that end, we have the following nominations:

President: Sarah NQ6K

VP: Albert KJ6CHW

Treasurer: Don N6DA

Secretary: Jim KI6TCE

Activities Manager: Open

These members have accepted the nominations and their dedication to keeping SBARA active and beneficial is honorable.

Show your support by attending the January 2011 meeting and casting your vote.



*Your Vote
is Needed!*

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The Tri City VE Group Team

We'd like to say thanks to the Tri City VE Group volunteers who made our first year possible. They helped us through the growing pains of figuring out how to be a VE Group, they cheerfully learned varied duties that kept getting refined, and wore different hats at each session, and most importantly, they shared this hobby with many new people. Here's our terrific 2010 team:

WT6K-Al Rendon

AE6YN-Bernhard Hailer

WB9YVM -Bill Artelt

N6WN-Dan Curtis

KI6FIU-Egbert Vallecillo-

KJ6AOE-Elaine Vallecillo
-Miller

WY6P-Greg Miller

N6BY-Jerry Grandstaff

KC6PYM-Jim Ferenz

N6MM-Joe Colouch

N3CKF-Joe Pistritto

K6OJ-Jon Gefael

N6ARF-John Carbino

KJ6HFL-Kelly Cochran

KJ6ANR-Ken Parker

KI6EGL-Mike Berke

NE6RD-Mike Pechner

AE6ZY-Pat Buder

KI6YTA-Robin Yee

KI6SEJ-Scott Mercer

KA6YBK-Sid Parker



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The Tri City VE Group Team

For 2011, we have three new volunteers who will join the team:

K6JLU Joe Lucchesi,
KI6RJL Ken Lippman,
WA6AWI Mike Fung.

Thank you all for making a difference!



Let's all get upgrades!

In case you want to plan for your upgrade, here is our 2011 schedule of upcoming exam dates:

Jan. 15-Sat 9:00 a.m.

Feb. 8-Tues 6:30 p.m.

March 12-Sat 9:00 a.m.

April 12-Tues 6:30 p.m.

May 14-Sat, 9:00 a.m.

June 14-Tues 6:30 p.m.

July 9-Sat 9:00 a.m.

Aug. 9-Tues 6:30 p.m.

Sept. 10-Sat 9:00 a.m.

Oct. 11-Tues 6:30 p.m.

Nov. 12-Sat 9:00 a.m.

Dec. 13-Tues 6:30 p.m.

73 and all the best,
Rita Derbas KI6SSQ

About SBARA

The South Bay Amateur Radio Association is a general interest amateur radio club serving the Fremont Tri-City area.

The club has been in existence since 1974, and has functioned continuously ever since.

We are an ARRL Special Service Club, a California not-for profit tax exempt organization as specified in IRS Statutes.

We sponsor training for new hams, license examination sessions, and participate in various public service events.

If you have a specialized amateur radio interest, chances are you can share it with one or more of our club members.

SBARA meets on the 2nd Friday of every month at Hurricane Electric in Fremont, California.

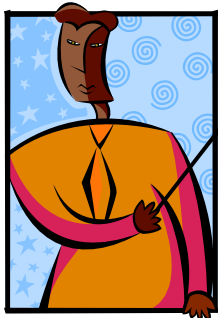
The meeting begins at 7:30 PM. After conducting business, coffee and snacks are served while we socialize.

Following the break, a program of interest will be presented. All persons interested in amateur radio are invited to attend. Families are welcome.

We hope to see you there!

January Keynote—A Brief Intro

Sloping dipoles (full slopers) have been used for many years in the lower bands, particularly 40m and 80m, because of their simplicity and ease of construction, particularly due their lack of need for counterpoises or radials and as a consequence of working well with a relatively short mast or tower.



The principle can also be applied to 20m and up, however, in order to create a low cost portable antenna that can be deployed easily, using just a cheap painters pole rather than a commercial push-up mast. The design was further elaborated by

the inclusion of unequal length open sleeve passive radiators to maintain both a good pattern and low SWR on the 20, 15 and 10m bands (no tuner required other than for the edges of 10m). In this talk, Sarah will outline the final design, as well as the effort that went into NEC2 modeling before the prototype was constructed.

EM-COM Info

Tri-City ARES

Web site: www.fremontares.org

Contact: Joe Pistrutto, N3CKF

CERT Comm—Fremont

Web site: www.fremontcert.org

Contact: Jim Thomas, KI6TCE

CERT Comm—Newark

Contact: Mike Berke KI6EGL

Am-Tech Day

January 29, 2011

8:00am — 6:00pm

10 Hours of Fun Amateur Radio
Activities in Menlo Park one Satur-
day a month!

Keynote to be announced.

This is our 73rd Am-Tech Day!

Editor Injured!

Bill, WB9YVM, fell and broke his legs recently. He is in good spirits and would like visitors.

Bill has been the Groundplane editor for quite some time now. This accident will preclude him from this work for a couple of months, but I will try to keep it going in his stead.

Please keep him in your thoughts and prayers.

About Sarah Thompson—NQ6K

Sarah Thompson is a staff scientist at NASA Ames working in robotics and in software validation and verification. She moved to the US in 2006 after completing a PhD in radiation-hard electronics at the University of Cambridge, England. Her interest in ham radio happened consequentially to getting involved in emergency communications at NASA, both as a member of the DARTCOM team and on several arctic field deployments.

**"PhD in Radiation-Hard
Electronics"**

Repeaters and Nets

WA6PWW - 147.015+ 600Khz, PL 103.5

WA6PWW - 223.900- 500Khz, PL 107.2

WA6PWW - 442.600+ 5Mhz, PL 107.2

K6AIR - 441.525+ 5Mhz, PL 123.0

ARES Net: Tuesday @ 7:30pm, 147.015 + PL 103.5

9 am Talk Net: M-F, 9am-11am, (N6NFI) 145.230- PL 100.0

Youth Net: Saturdays, 2pm, (N6NFI) 145.230- PL 100.0

Slow Speed (CW) Net: Tue/Sun 7:30 pm, 144.175 (+/- KHz as needed)

Be a Net Control Station!

Some nets look for hams to act as NCS. This is great practice for managing net queues. In such cases, a QST is issued instructing interested stations where to sign up.

The ARES net is scheduled by the ARES group. The 9 am Talk Net has information about NCS on their website www.9amtalk.net.

SBARA

Mailing Address
Box 8401
Fremont, Ca. 94537-8401



Founded 1974

Our meeting location is at:

Hurricane Electric, 60
Mission Court Fremont, Ca.

Come to the meeting and
bring your; Go Pack, HF
Rig, HT, and Antennas!!

Talk-In 147.015Mhz. +600

President	Jim Thomas, KI6TCE
Vice President	Robin Yee, KI6YTA
Treasurer	Don Amyx, N6DA
Secretary	Open Board Position
Newsletter Editor	Bill Artelt, WB9YVM
Webmaster	Umesh Ghodke, K6VUG
Quartermaster	Dan Curtis, N6WN
Program Facilitator	Al Rendon, WT6K

The Ground Plane — KU6S

<http://www.sbara.org>

South Bay Amateur Radio Association — SBARA

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